lc200w

Mini WiFi Cam
User Manual

Contents

About this guide 3
FCC statement 3
Prohibition of co-location 4
FCC specific absorption rate (SAR) statement 4
WEEE notice 4
Open Source Software 5
CE regulatory notice 5
RF Exposure information (SAR) – CE 5
Battery warning 6
Caution 6

1 Introduction 9

1.1 System requirements 9
1.1.1 Connection to a Computer 9
1.1.2 Linking a mobile device 10
1.2 Features 10
1.3 Package contents 11
1.4 Product overview 12
1.5 Button operation 13

2 Getting started 14

2.1 Inserting the memory card 14
2.2 Charging the camcorder 15
2.2.1 Charging from a computer 15
2.3 Definition of indicator lights 16
2.4 Information in LCM screen 18
2.5 Using reusable magic sticker 20

3 Initial set up 21

3.1 Camcorder application installation 21
3.2 Wi-Fi connecting 22

4 Using the Pixi Cam application 23

4.1 Recording videos 23
4.2 Shooting photos 25
4.3 Time-lapse videos 27
4.3.1 The Time-lapse screen 29
4.4 Playback pictures and videos 31
4.4.1 Viewing pictures 32
4.4.2 Playing videos 33
5 Settings menu 35
5.1 Using the settings 35
5.1.1 Menu items 36
6 Connecting to other devices 37
6.1 Connecting to the computer 37
7 Installing the software 38
8 Editing software 39
9 Specifications 40

About this guide

The content in this document is for information purposes and is subject to change without prior notice. We have made every effort to ensure that this User Guide is accurate and complete.
However, no liability is assumed for any errors or omissions that may have occurred.
The manufacturer reserves the right to change the technical specifications without prior notice.

FCC statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Prohibition of co-location

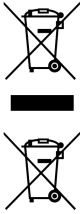
This device and its antenna(s) must not be co-located or operated in conjunction with any other antenna or transmitter.

FCC specific absorption rate (SAR) statement

The product complies with the FCC portable RF exposure limits set forth for an uncontrolled environment and is safe for the intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to a lower power output if such a function is available.
Contains FCC ID: 2ACFIWM7911B

WEEE notice

Disposal of Waste Electrical and Electronic Equipment and/or Battery by users in private households in the European Union



This symbol on the product or on the packaging indicates that this cannot be disposed of as household waste. You must dispose of your waste equipment and/or battery by handling it over to the applicable take-back scheme for the recycling of electrical and electronic equipment and/or batteries. For more information about the recycling of this equipment and/or battery, please contact your city office, the shop where you purchased the equipment or your household waste disposal service. The recycling of materials will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

Open Source Software

Use of OSS (Open Source Software) on SP5K basefw

A. Standard SP5K basefw does not use any OSS.

B. NDK (Network Development Kit) uses some OSS but does not use any GPL software.

NDK lib	License	Version	Modified	Link address
lwIP	BSD	1.4.0-rc2	Yes	http://savannah.nongnu.org/projects/lwip/ http://git.savannah.gnu.org/cgit/lwip/lwip-contrib.git/snapshot/STABLE-1_4_0-RC2.tar.gz
live555	LGPL 2.1	2012.6.17	Yes	http://www.live555.com/ http://www.live555.com/liveMedia/public/

Use of OSS (Open Source Software) on V35 toolchain

Package	License	Version	Modified	Link address	Note
GCC	GPL	4.6.3	Yes	http://gcc.gnu.org/ http://ftp.gnu.org/gnu/gcc/gcc-4.6.3/gcc-4.6.3.tar.gz	CPU: MIPS24K
Newlib	LGPL 2.1	1.20.0	Yes	http://sourceware.org/newlib/ ftp://sourceware.org/pub/newlib/newlib-1.20.0.tar.gz	No OS elf

CE regulatory notice

The product herewith complies with the requirements of the Low Voltage Directive 2006/95/EC, the EMC Directive 2004/108/EC, the R&TTE Directive 1999/5/EC, the Ecodesign Directive 2009/125/EC and the RoHS Directive 2011/65/EC.

RF Exposure information (SAR) – CE

This camcorder meets the EU requirements (1999/519/EC) on the limitation of exposure of the general public to electromagnetic fields by way of health protection.
The highest CE SAR value for the camcorder is 0.073 W/Kg.

Battery warning

- Always charge using the provided system. Improper handling of the battery may result in explosion.
- Never dismantle or pierce the battery or allow the battery to short-circuit.
- Keep the battery out of reach of children.
- Batteries may explode if exposed to open fire. Never place of batteries in a fire.
- Disposed of used batteries observing local regulations.
- Please use only the battery provided or recommended by the manufacturer or dealer.

Battery model :
Brand Name FUJI
Model Name FJ-SLB-10A
Power Rating 3.7Vdc, 1130mAh, 4.18Wh
Type Li-ion

Caution

- Never disassemble the camcorder or remove any parts by yourself. This will invalidate all guarantee claims.
- Keep the camcorder away from the reach of children or animals to prevent them from swallowing.
- If you notice smoke or a strange smell coming from the camcorder, turn the power off immediately. Take the camcorder to the nearest authorized service center for repair. Never attempt to repair the camcorder on your own.
- Use only the recommended power accessories. Use of power sources not expressly recommended for this equipment may lead to overheating, distortion of the equipment, fire, electrical shock or other hazards.

- Wi-Fi Signals are unable to pass through the building. The upper limit of signal transmission is 10m.
- Wi-Fi Operation Channels List: Ch1~Ch11.
- The product employs wireless data communication which may interfere, or be interfered by, a near-by device.
- Never use this device in the vicinity of a microwave oven or at places where there is radio interference.
- Radio wave reception may be worsened in specific environments.
- Please be advised that if another device is also using the same 2.4GHz band as this product, the processing speed of both devices may slow down.
- This product gets warm when in use; this is normal.
- Improper use or operation of the product may result in damage of the product or its accessories and void the warranty.
- The radio frequency (RF) generated by this RF electronic device may cause adverse effects on the operation of other electronic devices and result in malfunctioning. Wireless transmitters and circuitry may also interfere with other electronic devices. Therefore, do observe the following precautions:
  - Aircraft: Never use a radio transmitter when you are in an airplane. Please switch off the Wi-Fi function of the device.
  - Vehicle: The radio frequency transmitted by this device may affect the electronic system in a motorized vehicle. Please consult the manufacturer or dealer of your vehicle on the possible effect.
  - Pacemaker: In order to prevent any potential interference to a pacemaker, anyone who uses a pacemaker should be advised, that, when using this device, a minimum distance of 15cm (6 inch) should be kept between the device and the pacemaker; and never put this device in a chest pocket. In case of any doubt of interference, switch off the device immediately.
  - Medical Device: If you use a personal medical device, consult the device manufacturer or your physician to confirm if your device is sufficiently shielded from the RF transmission of this device.

- Medical Facilities: Hospitals and medical institutes may use facilities that are sensitive to an external RF energy. Observe such instructions when the medical care personnel or any posted sign requests you to switch off any device that may interfere the radio frequency.
- Explosion sites or any location with a posted sign: In order to prevent interfering with an explosion activity, observe all the signage and instructions in the Explosion Area or in a zone with a "Switch Off 2-way Radios" sign by switching off devices that may interfere with the radio frequency.

❖ This product is unsuitable for filming any barcode.

❖ The camera has become too hot and needs to cool down after using over than 1 hour (continuous recording). Simply shut down for cooling before attempting to use it again. It won't damage the camera, it is only for reminding the user that the temperature of the equipment cannot be too high.

Before you start using the system, it is assumed that you agree to the above statement.

1 Introduction

Thank you for purchasing this camcorder. This camcorder is specifically designed for real time video and audio recording during leisure activities.

1.1 System requirements

1.1.1 Connection to a Computer

For connection to a PC, be sure your PC meets the following specifications:

For Windows:

- Win 7 / Win 8
- Processor with at least Pentium IV 3.2GHz / AMD Athlon FX 2.6GHz or higher
- 2GB RAM at least
- NVIDIA GeForce 7600GT / ATI X1600 series or later
- USB port
- 32-bit color display compatible monitor (1280x1024, 32-bit color display recommended)
- 1 GB of available hard disk space
- CD-ROM drive

For Macintosh:

- Mac OS 10.4 or higher
- Power Mac G3 or higher
- Minimum 256MB RAM
- 110MB of available hard disk space
- USB port
- CD-ROM drive

1.1.2 Linking a mobile device

Linking a mobile device, be sure your mobile device meets the following specifications:

For iOS operating system:

- Version: Requires iOS 6 or higher
- Compatible with iPhone, iPad

For Android operating system:

- Version: 4 or higher
- Test defining models: HTC / SONY / SAMSUNG / LG
- Screen Resolution: MDPI / HDPI

1.2 Features

- Full HD video resolution 1920*1080/30fps
- Time-lapse photo / Video
- 120 degree wide angle
- Self-timer for selfie photo
- Reusable magic sticker
- Real-time video preview via mobile device
- Free app for Android and iPhone

1.3 Package contents

The package contains the following items. In case there are any missing or damaged items, contact your dealer immediately.

Mini WiFi Cam

CD-ROM

Quick start guide

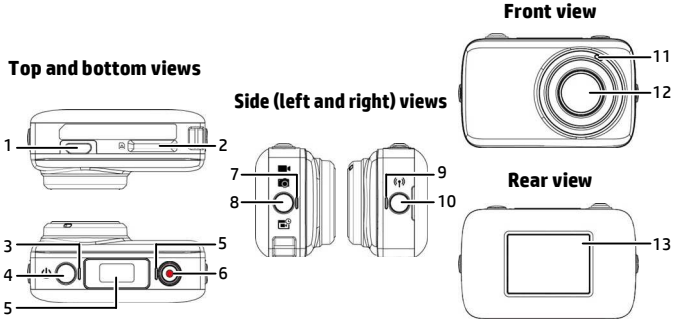
Strap

Micro USB cable

Reusable magic sticker

Battery

1.4 Product overview



No.	Item
1	USB Connector
2	Memory card slot
3	Power indicator light
4	Power button
5	LCM screen
6	Record indicator light
7	Record Button

No.	Item
8	Mode indicator light
9	Mode button
10	Wi-Fi indicator light
11	Wi-Fi button
12	Microphone
13	Lens
14	Magnet

1.5 Button operation

You can operate the camera without connecting to a mobile device via Wi-Fi/App. See the table below for descriptions of each button.

Item	Function
Mode button	Changing Modes (Time-lapse / Capture / Recording Mode)
Shutter button	• In **Camera** mode, press the **Shutter** button to capture a photo. **Double click** the shutter button for self-timer photo taken, it will count down for 5 seconds with beep sounds. • In **Video** mode, press the **Shutter** button to start recording a video. Press it again to stop recording. • In **Time-lapse** mode, press the **Shutter** button to start recording a video. Press it again to stop recording (When the camcorder enters Power Saving Mode and is in shutdown status, press the **Power** button to stop recording).
Wi-Fi button	Press to turn the Wi-Fi on or off.
Power button	• Press to turn the camera on or off. • To reset, press and hold the **Power** button for at least 5 seconds.

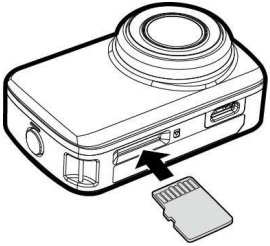
Note:

If you want the camcorder to go back to the ***Default Setting***, make sure the camera's Wi-Fi is turned off. Long press the **Mode** button, then press the **Wi-Fi** button, when the beep sound is heard, which indicates the completion of default settings.

2 Getting started

2.1 Inserting the memory card

1. Insert the memory card with the gold contacts facing the front of the camcorder. Push the memory card until it clicks into place.



2. To remove the memory card, push to eject the memory card out of the slot.

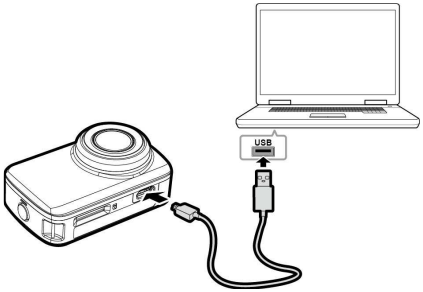
Note:

1. Do not remove or insert the memory card when the camcorder is turned on. This may damage the camcorder and memory card.
2. Please use a Class 10 or higher rating Micro SD card, max up to 32GB.
3. Please format the micro SD card before initial use.

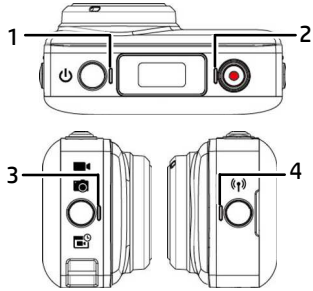
2.2 Charging the camcorder

2.2.1 Charging from a computer

1. Connect the micro USB cable into the port on the camcorder.
2. Connect the other end of the USB cable to an available USB port on your computer.



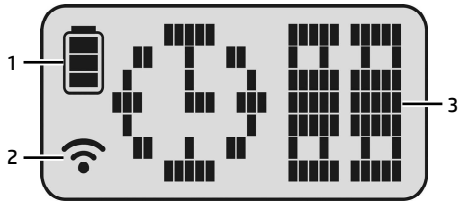
2.3 Definition of indicator lights



No.	Item	Status	LED indicator	Sound effect
1	Power indicator light	Power on	Red	None
		Power off	No indication	None
		Power will soon be out	Flash Red	None
		Charging	Red	None
		Fully charged	No indication	None
2	Capture / Recording / Time-lapse indicator light	Recording	Flash red	One beep
		Capture	Flash red	One beep
		Time-lapse	Flash red	One beep (Time interval)

3	Mode indicator light	Changing modes	Flash red	One beep
		Self-timer	Flash red	None
		Time-lapse mode	Flash red	None
4	Wi-Fi indicator light	Wi-Fi on	Red	One beep
		Wi-Fi off	No indication	One beep

2.4 Information in LCM screen



No.	Item	Icon	Description
1	Battery status		Full battery power
			2/3 battery power
			1/3 battery power
			Out of battery power
			Charging
2	Wi-Fi status		Wi-Fi on
			Wi-Fi off
3	Status		Time-lapse mode
			Capture mode
			Recording mode
			Memory card error (damaged, locked or no card inside)

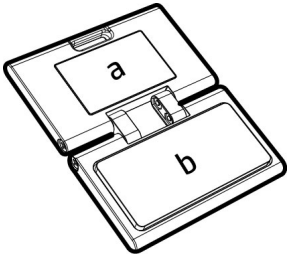
			Memory card full
			Connect with mobile device
			Enter USB mode when charging
			Power will run out soon

2.5 Using reusable magic sticker

1. Flip the reusable magic sticker inside out.

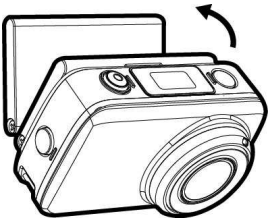
2. Attach the mental part (a) to the magnet on lc200w.

3. Stick the reusable magic sticker (b) to any clean surface.

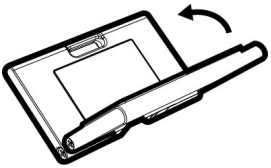


4. Adjust manually the angle before you take photos.

5. Use clean water to wash the reusable magic sticker when it is not stick enough, then air-dry to complete dry.



6. After using the reusable magic sticker, recommend to flip back in order to keep the product life time.



3 Initial set up

Install a micro SD card (class 10 or higher rating, max up to 32GB) into the camcorder.

3.1 Camcorder application installation

The camera allows you to connect to the mobile devices via the App. When using for the first time, install the **[Pixi Cam]** App for your mobile device.

1. Download **Pixi Cam** App

from Google Play or App Store.
2. Install the App.

APP Layout and Features may be changed subject to different software versions. Please refer to Google Play or APP Store for update.

3.2 Wi-Fi connecting

1. Press the **Power** button to switch on the camcorder.
2. Press the **Wi-Fi** button to activate the wireless network.
3. Using the Wi-Fi function of the mobile device, search for the camcorder ID from the list. Each camcorder has a unique ID no.: hplc200wXXXXXXX (The last 4 digits of the ID will be as same as the last 4 digits that displayed on the LCM screen.).
4. When connected to the **Pixi Cam** App

, camcorder LCM display will show

, indicates the Wi-Fi is connected.

Note:

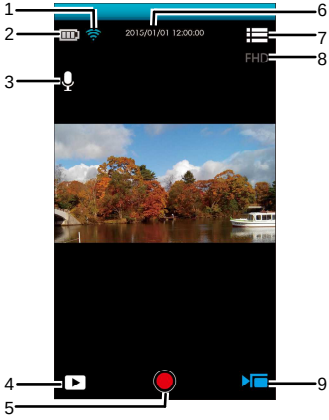
1. Make sure the Wi-Fi function of the camcorder is activated and the mobile device is receiving Wi-Fi signal before performing the Pixi Cam App, or the App will be exited.
2. The mobile device shall be within a maximum of a 6m distance from the camcorder without any buildings in between.
3. When the Wi-Fi function of the camcorder is activated for 3 minutes without connecting with your mobile device, or the connection is disconnected, the camcorder will automatically stop the Wi-Fi function and you will need to re-activate the Wi-Fi function.
4. We suggest that you should set the correct date and time for your mobile device before using the camcorder, so that the recorded video will be consistent with the date and time settings of the mobile device.
5. After connecting the mobile device with the camcorder, all the mode switch, Record and Wi-Fi operation buttons of the camcorder will be disable; all the operations shall be carried out via the Pixi Cam App.
6. The language of the Pixi Cam App will be consistent with your mobile device, beyond the language options, the App will be activated with default language.

4 Using the Pixi Cam application

4.1 Recording videos

You can use this feature to record your life story, travel diary, or sports clips.

1. Touch the button to switch to Recording mode.
2. Touch the button to enable or disable Voice Record.
3. Press button to start recording a video.
4. Press button again to stop recording.



No.	Icon	Item	Description
1		Wi-Fi status	Indicates the Wi-Fi status.
2		Battery status	Indicates the estimated remaining battery power.
3		Voice record	Touch to enable or disable the voice record function. Available options: On / Off
4		Playback	Touch to enter Playback mode.
5		Recording	Touch to start recording, and touch again to stop.
6	**2015/01/01 12:00:00**	Date and time	Indicates the current recording date and time.
7		Menu	Touch to enter the menu.
8		Video resolution	Indicates the current video resolution.
9		Recording mode	Indicates the current Recording mode. Touch to switch to Time-lapse or Shooting mode.

Note:

If download the AVI format videos to the iOS system mobile device, the camcorder can't recognize the AVI files format rather than lost. To browse files please use a computer or other media players. See Using the **File Format (5.1.1)**.

4.2 Shooting photos

You can use this function to capture photo, such as landscape and portraits.

1. Touch the button to switch to Shooting mode.
2. Touch the button to set Self Timer and sequential (Burst) capture. (Normal / 5 sec. / 10 sec. / Burst 3 Photos / Burst 5 Photos).
3. Touch the button to set Beauty class. (0 / 1 / 2). Automatically reduce noise to make your skin dewy when the option is enabled.
4. Touch to capture the image, the file will be saved on the camcorder automatically.

No.	Icon	Item	Description
1		Wi-Fi status	Indicates the Wi-Fi signal status.
2		Battery status	Indicates the remaining battery power.
3		Capture mode	Touch to select the capture mode. Available options: Normal / 5 sec. / 10 sec. / Burst 3 Photos / Burst 5 Photos
4		Beauty	Touch to select the Beauty mode. Available options: 0 / 1 / 2
5		Playback	Touch to enter Playback mode.
6		Shooting	Touch to start shooting photos.
7	**2015/01/01 12:00:00**	Date and time	Indicates the current recording date and time.
8		Menu	Touch to enter the menu.
9		Photo resolution	Indicates the current photo resolution.
10		Shooting mode	Indicates the current Shooting mode. Touch to switch to Time-lapse or Recording video mode.

Note:

When using the ***Beauty*** function, the algorithm takes about 8 seconds; you need to wait patiently.

4.3 Time-lapse videos

When filming something in which photographs are taken over a long period of time and are shown quickly in a series so that a slow action appears to happen quickly.

You can use this function to record videos such as the evolution of a construction project, weather changes, tree growth, or flower blossom, etc.

1. Touch the button to switch over to Time-lapse mode.

2. Touch the button to set time interval of the Time-lapse file in 5 sec. / 10 sec. / 30 sec. / 1 min. / 5 min. / 10 min.

3. Touch the button to set the file format of Time-lapse video files.

    - Picture: to save in picture files (Format: JPG).
    - Video: to save in video files (Format: AVI / MOV).
    - Picture / Video: to save in both picture and video files (Format: JPG; AVI / MOV).

4. Touch the button to set the frame rate of the Time-lapse mode (i.e. frames per second for picture playback).

    - 3 fps: displays 3 frames per second.
    - 5 fps: displays 5 frames per second.
    - 10 fps: displays 10 frames per second.

5. Touch the button to set the power saving mode, when using this function the camcorder will only powers on when taking pictures and powered off between intervals.

- When you touch , the camcorder will automatically disable Wi-Fi and exit the Pixi Cam App for power saving.
- Deactivate power saving mode: the equipment is continuously in standby.

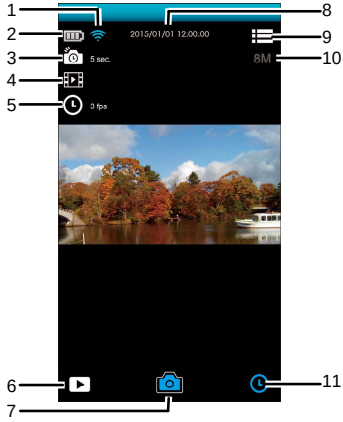
6. Touch to start shooting time-lapse photos, the file will be saved automatically on the camcorder.

7. Touch again to stop.

Note:

1. The setting of ***Time-lapse*** is an approximate time with a tolerance about 1s.
2. ***Time-lapse*** function stops when the memory is fully used or camcorder is out of power. It is suggested that you calculate the number of pictures in advance or activate power saving mode before start to use Time-lapse function.
3. When the ***Time-lapse*** interval setting is less than 10s, the power saving mode cannot be enabled.
4. When playing video footage recorded with ***Time-lapse*** mode, the playback speed (picture per second) will be correspond with the frame rate setting.

4.3.1 The Time-lapse screen



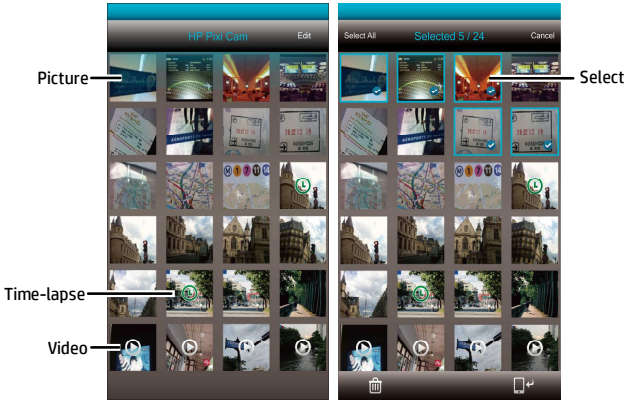
No.	Icon	Item	Description
1		Wi-Fi status	Indicates the Wi-Fi signal status.
2		Battery status	Indicates the remaining battery power.
3		Time-lapse	Touch to select a suitable capture Interval. Available options: 5 sec. / 10 sec. / 30 sec. / 1 min. / 5 min. / 10 min.
4		Store type	Touch to select the required storage type. Available options: Picture / Video / Picture & Video

No.	Icon	Item	Description
5		Frame rate	Touch to select the required frame rate. Available options: 3 fps / 5 fps / 10 fps
6		Playback	Touch to enter Playback mode.
7		Shooting	Touch to start shooting photos, and touch again to stop.
8	2015/01/01 12:00:00	Date and time	Indicates the current recording date and time.
9		Menu	Touch to enter the menu.
10		Photo resolution	Indicates the current photo resolution.
11		Time-lapse mode	Indicates the current Time-lapse mode. Touch to switch to Shooting photos or Recording video mode.

4.4 Playback pictures and videos

You can use this function to view pictures and videos.

1. Touch to enter **Playback** mode.
2. You can touch **Edit** to enter Edit mode.
3. Touch to select the required pictures or videos, and touch / to **Delete** or **Download** the selected files on your mobile device.

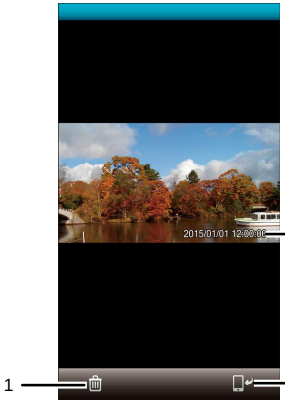


Note:

Pixi Cam App is for users to preview approx. 800 of the most recent files. If you want to overview all recorded files, please use a computer or other media players to check.

4.4.1 Viewing pictures

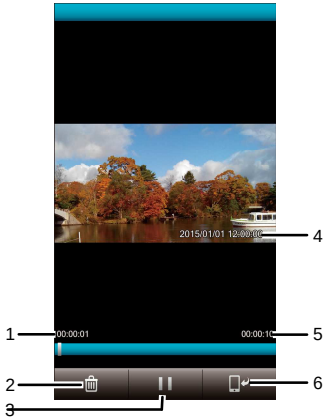
Touch the photo to view it in full screen.



No.	Icon	Item	Description
1		Delete	Touch to delete the current picture.
2	2015/01/01 12:00:00	Date and time	Indicates the recorded date and time.
3		Download	Touch to download the current picture to your mobile device.

4.4.2 Playing videos

Touch the video to play it in full screen.



No.	Icon	Item	Description
1	00:00:01	Current duration	Indicates the video current duration.
2		Delete	Touch to delete the current video.
3		Stop	Touch to pause the video playback.
4	2015/01/01 12:00:00	Date and time	Indicates the recorded date and time.
5	00:00:10	Total duration	Indicates the video total duration.

No.	Icon	Item	Description
6		Download	Touch to download the current video.

Note:

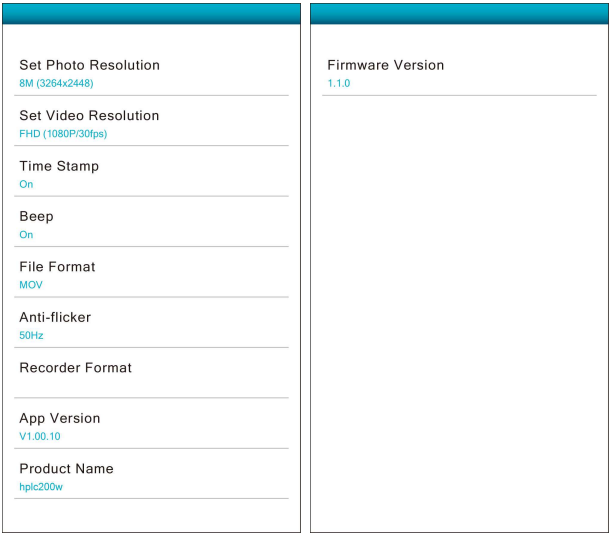
1. Video recorded using ***Time-lapse*** is a string of pictures, therefore there is no audio when played back.
2. The Pixi Cam App is only applicable for previewing a video without audio playback. To view the integral video content, download the file to your mobile device or PC for playback.
3. Deleted files cannot be recovered. Ensure the files have been backed-up before deletion.
4. Picture and video files could be downloaded to the internal memory of your mobile device. Use the application program in your mobile device to view the file.
5. **If you find the downloaded files could not be played or without sound, which means the mobile phone itself does not support the video decoding. It's not the problem of the file. We recommend you to install a free App software, such as VLC to play.**
6. IOS mobile device operating systems: Due to the resolution limit, which may result in the recorded videos could not be downloaded to your mobile device. If you want to upload the recorded video files to the Internet, it is recommended that you pre-set the video resolution, which can be supported by your mobile device, or you can use a computer to read the files on the memory card.

5 Settings menu

5.1 Using the settings

You can customize the video recording and other general settings via the on-screen display (OSD) menus.

1. If recording is in progress, please touch / to stop recording.
2. Touch to enter the OSD menu.



5.1.1 Menu items

Refer to the below table for details of menu items and available menu options.

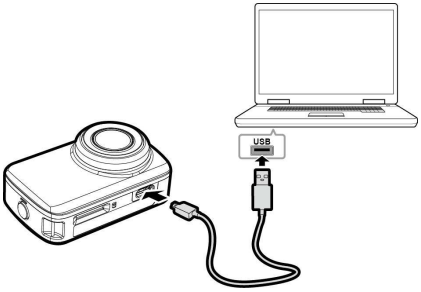
Menu option	Description	Available option
Set Photo Resolution	Set the desired photo resolution.	8M (3264x2448) / 4K (3840x2160) / 5M (2560x1920) / 2M (1920x1080)
Set Video Resolution	Set the desired video resolution.	FHD (1080P/30fps) / HD30 (720P/30fps)
Time Stamp	Imprint the date and time on the recorded photo or video.	On / Off
Beep	Enable/Disable the beep.	On / Off
File Format	Set Time-lapse photography and general video file formats.	MOV / AVI
Anti-flicker	Domestic power supply varies by area. It is recommended that you should check the “Table of voltage and frequency of different countries” for the correct setting.	50Hz / 60Hz
Recorder Format	Format the memory card inserted in the equipment. All the files in the card will be erased.	No / Yes
App Version	Indicates the current application version.	
Product Name	Display the model number of the camcorder.	hplc200w
Firmware Version	Indicates the current firmware version.	

6 Connecting to other devices

6.1 Connecting to the computer

You can connect the camcorder to a desktop computer or notebook to transfer or view files.

1. Connect the micro USB cable into the port on the camcorder.
2. Connect the other end of the micro USB cable to an available USB port on your computer.
3. Press the **Power** button to switch on the device, connecting the camcorder to your computer.



7 Installing the software

1. Place the attached CD ROM into the CD player.
2. If the CD does not execute automatically, please use Windows File Manager to execute the **Install_CD.exe** file in the CD.

   The following screen will be shown up.

3. Press the [Menu] item to start the installation process according to the instructions on-screen.

8 Editing software

MAGIX Video easy SE is the perfect beginner program for the whole family. Thanks to the intuitive program interface with extra large buttons, a wide range of help functions and practical wizards, you can transform your recordings into amazing videos, even if you don't have any previous experience.

Your pictures, videos and music online. Let your friends and family participate in your experiences.

- Free Online Album with your own web address.
- High-quality design templates.
- Unique design.
- Slideshows with text, music, and effective transitions.
- Upload videos and play them.
- You can go http://www.magix.com/us/ to for more information.

System requirements: Win 7 / Win 8

Note:

1. The **MAGIX Video easy SE** software is only applicable to a Windows operating system.
2. Before using MAGIX edit software, please download QuickTime video player first.

9 Specifications

Item	Description
Image Sensor	8MP, 1/3.2" CMOS
F/NO	F2.6
Lens	Fixed focus lens, FOV 120°
Focus Range	1 m ~ infinity
Time-lapse	Resolution: 8M (3264x2448) 4K (3840×2160) 5M (2560x1920) 2M (1920x1080)
	Format: JPG; AVI / MOV
Still Image	Resolution: 8M (3264x2448) 4K (3840×2160) 5M (2560x1920) 2M (1920x1080)
	Format: JPG
Movie Clip	Resolution: FHD (1080P/30fps); HD30 (720P/30fps)
	Format: AVI / MOV
Shutter	Electronic Shutter Auto :1/60 ~ 1/4000 sec
ISO	Auto
White Balance	Auto
Microphone	Yes
Buzzer	Yes

Item	Description
Interface	Micro USB
Storage Media	Supports micro SD/SDHC class 10 speed or greater up to 32GB.
Battery	Built-in 1130mAh Li-polymer rechargeable
Operating Temperature	0° ~ 50° C (14° ~ 122° F)
Operating Humidity	0 ~ 95% RH
Storage Temperature	-20° ~ 70° C (-4° ~ 140° F)
Dimensions	61.5 x 38.5 x 28 mm
Weight	Approx. 40g (without memory card)

Built-in IEEE 802.11n Wi-Fi module: WN7911B-WM

Frequency range	2412~2462MHz
Channel List	Ch1~Ch11

Contains FCC ID: 2ACFIWM7911B